



Avilash Jha

Software Engineer

A dependable, energetic, hardworking person. Able to handle multiple tasks with creative approach. and always eager to learn new skills. Skilled in Python, Pandas, React, SQL, PostgreSQL, Web Services, API, GCP, AWS, Mongo DB, Node JS.

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WORK EXPERIENCE

Software Engineer

Infostretch Corporation Pvt Ltd

07/2019 - Present

Pune, India

Tasks

- Developed **Authentication, Authorization, CRUD Operation** Rest Services using Flask, Redis, postgres.
- Worked on **End to End** implementation of the project using Flask, React, postgres, AWS. Covered Unit/Integration test case.
- Worked on **API Integration** with React. Implemented Different view using **Material UI, Conditional Css**. DB Migration, **ETL** Processing of data, Data **Scrapping**.
- Worked on **Cloud Services** like AWS EC2, S3, Cognito, Lambda Service, GCP Bigquery, Datastore. Created bitbucket pipeline for CI/CD of code to AWS services.
- Designed **POC Chatbot** using Python, NLTK, Keras and TensorFlow Library to **train** model. **Integrate** the model with the Flask. **Authentication** with the existing API.
- Leded **Backed team** and delivered the project in the given timeline.

EDUCATION

Lokmanya Tilak College Of Engineering BE(Computer Engineering)

06/2015 - 04/2019

Navi Mumbai

Projects

- IOT Medcloud
- QA System

Model College Of Sciene HSC (Science)

06/2013 - 05/2015

Kalyan, Mumbai

Chetna English High School SSC (Maharashtra Board)

06/2003 - 05/2013

Kalyan, Mumbai

SKILLS

Pandas

Python

React Js

Flask

AWS

GCP

Mongo DB

Node Js

Skill

Postgres

Docker

Rest API

Scrapping

Microservices

Rest API

Cloud Deployment

Data Tools

Code Refactoring

PERSONAL PROJECTS

QA System (12/2017 - 01/2018)

- Developed an integrated **web interface** for a user to ask the question and give answer. It is a **question and answer** website where the question is asked, answered, edited by the user. All the functionalities were implemented in java deployed the application in Apache Tomcat server with **MYSQL** as the back end and **JSP, HTML** as a front-end.

IOT Medcloud System (09/2018 - 02/2019)

- Developed an integrated **web interface**. The web application module consists of the **three sub-module** patients, hospital, doctor. The web application follows the **Model-View- Controller** design pattern. All the functionalities in java **deployed** the application in **Amazon Web Services** server. To take **real-time accurate** data of patient we make use of IoT device (Heart Rate Sensor, Temperature Sensor).

Ration Web App (04/2021 - Present)

- Developing an **PWA, Web Application** using Flask, React JS, Postgres, Heroku. This Application will help the local ration **shop to sell** there product. The **QR code** will be used by customer to get the **nearby shop** can book there product. Using Encryption Technique to **encrypt the data**.

ACHIEVEMENTS

1. Achieved Silver Medal for Standing 2nd rank in SSC. (2013)
2. Participated in IMMO 2013 and achieved the 7th rank in college. (2014)
3. Participated in Bit Camp Hackathon held in RAIT College. (03/2019)
4. Runner-up in Inter School Volleyball Tournament. (2014)
5. Participated in Inter-Collegiate Cultural Festival OASIS Won 2nd prize in Volleyball (2014)

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Running

Volleyball